

Potato Stocks

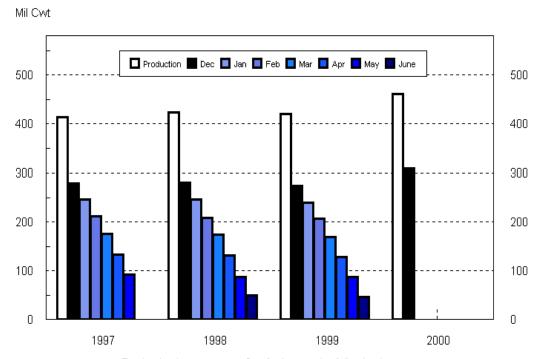
Washington, D.C.

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Potato Production and December 1 Stocks Both Record High

Production of fall potatoes is a record high 471 million cwt in the 22 fall States this year, up 9 percent from a year ago and 8 percent above 1998. December 1 stocks in the 15 storage States are also at a record high 310 million cwt, up 13 percent from last year and 10 percent above 1998. The previous record highs were in 1996 when fall production was 454 million cwt and stocks were 295 million cwt. Seasonal disappearance of 152 million cwt in the 15 States is up 5 percent from last year. Processors used 78.5 million cwt so far this season, up 5 percent from last year.

Fall Potatoes: Production and Stocks 15 Storage States



Fall Potatoes: Production and Stocks, 15 Major States, 1991-2000

Crop Year	Production	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1 1
	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt
1991	363,541	242,070	211,005	178,515	145,820	108,865	69,110	
1992	368,516	246,820	215,990	184,560	152,795	115,785	75,040	
1993	376,954	249,410	217,300	185,490	153,435	115,170	72,860	
1994	410,839	273,290	238,560	202,470	169,570	129,825	87,600	
1995	394,785	256,710	223,550	189,360	156,020	115,855	75,870	
1996	443,704	295,100	261,320	226,080	189,210	147,635	103,210	
1997	413,513	278,830	246,550	212,562	175,870	134,190	92,840	
1998	423,170	280,910	246,230	209,640	173,650	131,220	87,895	50,270
1999	420,567	275,100	239,910	207,150	169,620	128,410	86,915	47,220
2000	461,827	309,520						

¹ Data not available prior to 1998.

Potatoes: Quantity Used for Processing, Eight States, 1997-2000 1

State and Crop Year Dec 1 Jan 1 Feb 1 Mar 1 Apr 1 May 1 Jun 1 2 Season ID & OR-Mal 1997 1,000 Cwt 1,450 91,450 91,450 91,450 91,450 91,450 91,450 91,450 91,450 91,450 91,450 91,450 91,450 91,450 91,450 91,450 91,450 91,450 91,450		Г	maines. Qua	muty Oseu i	or rrocessing	g, Eight States	, 1997-2000		
ID & OR-Mal 1997		Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1 ²	Season
1997		1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt
1998									
1999	1997	26,880	33,950	41,050	49,470	57,620	65,750		91,450
2000 29,290 Ame	1998	27,510	34,700	42,670	51,210	60,040	68,550	76,410	92,860
ME ³ 1997		27,970	34,490	40,790	49,220	57,820	66,080	74,110	88,210
1997 1,250 1,720 2,265 2,735 3,355 3,900 5,870 1998 1,430 1,935 2,530 2,985 3,595 4,180 4,705 5,945 1999 1,270 1,700 2,385 3,070 3,765 4,560 5,150 6,670 WA & OR-Oth 1997 28,580 33,990 38,690 46,400 53,720 59,780 76,930 1998 33,630 38,890 45,650 53,290 60,930 67,180 74,190 83,730 1999 33,320 39,620 45,500 53,350 61,080 67,230 74,840 83,210 Oth Sts ⁴ 1997 11,645 13,960 17,115 19,905 23,515 26,365 37,842 1998 11,570 14,465 18,030 20,850 24,850 28,190 31,365 39,865 1999 12,455 15,035 17,950 20,855 24,305 27,220 <td< td=""><td>2000</td><td>29,290</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	2000	29,290							
1997 1,250 1,720 2,265 2,735 3,355 3,900 5,870 1998 1,430 1,935 2,530 2,985 3,595 4,180 4,705 5,945 1999 1,270 1,700 2,385 3,070 3,765 4,560 5,150 6,670 WA & OR-Oth 1997 28,580 33,990 38,690 46,400 53,720 59,780 76,930 1998 33,630 38,890 45,650 53,290 60,930 67,180 74,190 83,730 1999 33,320 39,620 45,500 53,350 61,080 67,230 74,840 83,210 Oth Sts ⁴ 1997 11,645 13,960 17,115 19,905 23,515 26,365 37,842 1998 11,570 14,465 18,030 20,850 24,850 28,190 31,365 39,865 1999 12,455 15,035 17,950 20,855 24,305 27,220 <td< td=""><td>ME³</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	ME ³								
1998 1,430 1,935 2,530 2,985 3,595 4,180 4,705 5,945 1999 1,270 1,700 2,385 3,070 3,765 4,560 5,150 6,670 WA & OR-Oth 1997 28,580 33,990 38,690 46,400 53,720 59,780 76,930 1998 33,630 38,890 45,650 53,290 60,930 67,180 74,190 83,730 1999 33,320 39,620 45,500 53,350 61,080 67,230 74,840 83,210 Oth Sts ⁴ 1997 11,645 13,960 17,115 19,905 23,515 26,365 37,842 1998 11,570 14,465 18,030 20,850 24,850 28,190 31,365 39,865 1999 12,455 15,035 17,950 20,855 24,305 27,220 30,410 36,435 Total 1997 68,355 83,		1,250	1,720	2,265	2,735	3,355	3,900		5,870
2000 1,845 3,85 3,869 46,400 53,720 59,780 76,930 1997 28,580 33,990 38,690 46,400 53,720 59,780 74,190 83,730 1998 33,320 39,620 45,500 53,350 61,080 67,230 74,840 83,210 2000 34,670 11,645 13,960 17,115 19,905 23,515 26,365 37,842 1998 11,570 14,465 18,030 20,850 24,850 28,190 31,365 39,865 1999 12,455 15,035 17,950 20,855 24,305 27,220 30,410 36,435 Total 1997 68,355 83,620 99,120 118,510 138,210 155,795 212,092 1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510<	1998		1,935				4,180	4,705	
2000 1,845 WA & OR-Oth 1997 28,580 33,990 38,690 46,400 53,720 59,780 76,930 1998 33,630 38,890 45,650 53,290 60,930 67,180 74,190 83,730 1999 33,320 39,620 45,500 53,350 61,080 67,230 74,840 83,210 2000 34,670 11,645 13,960 17,115 19,905 23,515 26,365 37,842 1998 11,570 14,465 18,030 20,850 24,850 28,190 31,365 39,865 1999 12,455 15,035 17,950 20,855 24,305 27,220 30,410 36,435 Total 1997 68,355 83,620 99,120 118,510 138,210 155,795 212,092 1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525 <td>1999</td> <td>1,270</td> <td>1,700</td> <td>2,385</td> <td>3,070</td> <td>3,765</td> <td>4,560</td> <td>5,150</td> <td>6,670</td>	1999	1,270	1,700	2,385	3,070	3,765	4,560	5,150	6,670
1997 28,580 33,990 38,690 46,400 53,720 59,780 76,930 1998 33,630 38,890 45,650 53,290 60,930 67,180 74,190 83,730 1999 33,320 39,620 45,500 53,350 61,080 67,230 74,840 83,210 Oth Sts ⁴ 1997 11,645 13,960 17,115 19,905 23,515 26,365 37,842 1998 11,570 14,465 18,030 20,850 24,850 28,190 31,365 39,865 1999 12,455 15,035 17,950 20,855 24,305 27,220 30,410 36,435 Total 1997 68,355 83,620 99,120 118,510 138,210 155,795 212,092 1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495	2000	1,845	•	,	,	ŕ	,	ŕ	ŕ
1998 33,630 38,890 45,650 53,290 60,930 67,180 74,190 83,730 1999 33,320 39,620 45,500 53,350 61,080 67,230 74,840 83,210 Oth Sts ⁴ 1997 11,645 13,960 17,115 19,905 23,515 26,365 37,842 1998 11,570 14,465 18,030 20,850 24,850 28,190 31,365 39,865 1999 12,455 15,035 17,950 20,855 24,305 27,220 30,410 36,435 Total 1997 68,355 83,620 99,120 118,510 138,210 155,795 212,092 1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525	WA & OR-Oth								
1998 33,630 38,890 45,650 53,290 60,930 67,180 74,190 83,730 1999 33,320 39,620 45,500 53,350 61,080 67,230 74,840 83,210 Oth Sts ⁴ 1997 11,645 13,960 17,115 19,905 23,515 26,365 37,842 1998 11,570 14,465 18,030 20,850 24,850 28,190 31,365 39,865 1999 12,455 15,035 17,950 20,855 24,305 27,220 30,410 36,435 Total 1997 68,355 83,620 99,120 118,510 138,210 155,795 212,092 1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525	1997	28,580	33,990	38,690	46,400	53,720	59,780		76,930
1999 33,320 39,620 45,500 53,350 61,080 67,230 74,840 83,210 Oth Sts ⁴ 1997 11,645 13,960 17,115 19,905 23,515 26,365 37,842 1998 11,570 14,465 18,030 20,850 24,850 28,190 31,365 39,865 1999 12,455 15,035 17,950 20,855 24,305 27,220 30,410 36,435 Total 1997 68,355 83,620 99,120 118,510 138,210 155,795 1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525	1998	33,630	38,890	45,650	53,290	60,930	67,180	74,190	
2000 34,670 Oth Sts ⁴ 1997 11,645 13,960 17,115 19,905 23,515 26,365 37,842 1998 11,570 14,465 18,030 20,850 24,850 28,190 31,365 39,865 1999 12,455 15,035 17,950 20,855 24,305 27,220 30,410 36,435 2000 12,650 83,620 99,120 118,510 138,210 155,795 212,092 1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525	1999	33,320	39,620	45,500	53,350	61,080	67,230	74,840	
1997 11,645 13,960 17,115 19,905 23,515 26,365 37,842 1998 11,570 14,465 18,030 20,850 24,850 28,190 31,365 39,865 1999 12,455 15,035 17,950 20,855 24,305 27,220 30,410 36,435 Total 1997 68,355 83,620 99,120 118,510 138,210 155,795 212,092 1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525	2000		,	,	,	,,,,,,	,	, ,,	,
1997 11,645 13,960 17,115 19,905 23,515 26,365 37,842 1998 11,570 14,465 18,030 20,850 24,850 28,190 31,365 39,865 1999 12,455 15,035 17,950 20,855 24,305 27,220 30,410 36,435 Total 1997 68,355 83,620 99,120 118,510 138,210 155,795 212,092 1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525	Oth Sts 4								
1998 11,570 14,465 18,030 20,850 24,850 28,190 31,365 39,865 1999 12,455 15,035 17,950 20,855 24,305 27,220 30,410 36,435 Total 1997 68,355 83,620 99,120 118,510 138,210 155,795 212,092 1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525		11.645	13.960	17.115	19,905	23,515	26,365		37.842
1999 2000 12,455 12,650 15,035 17,950 20,855 24,305 27,220 30,410 36,435 Total 1997 68,355 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1998 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525	1998	11,570	14,465				,	31,365	
2000 12,650 Total 1997 68,355 83,620 99,120 118,510 138,210 155,795 212,092 1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525	1999		15.035	17,950	20,855	24,305	27,220	,	,
1997 68,355 83,620 99,120 118,510 138,210 155,795 212,092 1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525	2000		- ,	. ,	- ,	,	,	23,123	,
1997 68,355 83,620 99,120 118,510 138,210 155,795 212,092 1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525	Total								
1998 74,140 89,990 108,880 128,335 149,415 168,100 186,670 222,400 1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525		68,355	83,620	99.120	118.510	138.210	155,795		212.092
1999 75,015 90,845 106,625 126,495 146,970 165,090 184,510 214,525		,		,			,	186,670	,
				,	,	,		,	
	2000	78,455	2 3,0 .0		==3,.>0	2.0,570	,0>0		,00

¹ Total quantity received and used for processing regardless of the State in which the potatoes were produced. Amount excludes quantities used for potato chips in ME, MI, and WI.

² Data not available prior to 1998.

³ Includes Maine grown potatoes only.

⁴ MN, ND, NV, SD, and WI in 2000. MI, MN, ND, and WI in 1997-1999.

Fall Potatoes: Production and Stocks, 15 Major States, December 1, 1999-2000 $^{\rm 1}$

		Crop of 1999			Crop of 2000	
State	Prod	Stocks Dec 1, 1999	% of Prod	Prod	Stocks Dec 1, 2000	% of Prod
	1,000 Cwt	1,000 Cwt	Percent	1,000 Cwt	1,000 Cwt	Percent
CA	4,005	3,200	80	3,741	2,700	72
CO	25,762	19,700	76	27,972	20,300	73
ID	133,330	96,000	72	152,320	110,500	73
ME	17,813	14,500	81	17,920	14,100	79
MI	14,963	8,800	59	14,963	8,700	58
MN	18,020	10,600	59	21,240	14,200	67
MT	3,325	3,200	96	3,503	3,350	96
NE ²	8,904	5,300	60	10,127	6,450	64
NY	6,758	3,500	52	5,964	2,700	45
ND	26,400	17,000	64	26,950	18,500	69
OH	987	300	30	1,134	320	28
OR	28,020	22,000	79	30,683	25,000	81
PA	3,080	2,000	65	3,510	1,700	48
WA	95,200	48,000	50	108,000	61,000	56
WI	34,000	21,000	62	33,800	20,000	59
15 States	420,567	275,100	65	461,827	309,520	67

¹ Stocks include processor holdings and seed to plant following year's crop. Seed usage in 2000 totaled 29.7 million cwt. ² Summer estimates included with fall in 2000.

Fall Potatoes: Stocks by Type as Percent of Total Stocks, 11 Selected States, December 1, 1999-2000

				Potato	Types			
State	Reds		Round	Round Whites		Vhites	Russets	
	1999	2000	1999	2000	1999	2000	1999	2000
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
CO	4	5	2	2			94	93
ID					5	6	95	94
ME	3	4	50	46	10	3	37	47
MI	2	2	87	86			11	12
MN	7	13	5	4	1	1	87	82
NY	5	5	93	90			2	5
ND	15	12	22	17	13	8	50	63
OR	1	1	2		2	2	95	97
PA	3	3	97	97				
WA	1	1	1	1	6	6	92	92
WI	3	2	30	37			67	61
11 St Avg	2	3	12	10	5	4	81	83

Fall Potatoes: Area Planted and Harvested by State, 1998-2000

Chaha		Area Planted			Area Harvested	
State	1998	1999	2000	1998	1999	2000
	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres
CA	10.3	9.0	8.7	10.3	9.0	8.7
CO	75.8	77.2	75.8	75.7	76.9	75.6
ID	410.0	395.0	415.0	408.0	393.0	413.0
10 SW Co	28.0	26.0	28.0	28.0	26.0	28.0
Other ID	382.0	369.0	387.0	380.0	367.0	385.0
IN	5.3	5.2	4.2	5.0	4.9	4.0
ME	65.5	65.0	64.0	64.5	62.5	64.0
MA	2.9	3.0	2.8	2.9	2.9	2.5
MI	47.0	48.0	49.0	46.5	47.5	47.5
MN	82.0	70.0	66.0	73.0	53.0	59.0
MT	10.6	11.0	11.5	10.6	10.9	11.3
NE 1	22.0	21.6	26.0	21.8	21.2	24.7
NV	7.0	6.5	7.0	7.0	6.5	7.0
NM	6.2	6.6	6.8	5.9	6.6	6.8
NY	27.6	26.0	22.0	27.0	25.5	21.3
ND	126.0	121.0	124.0	122.0	110.0	110.0
OH	5.1	4.8	4.4	4.8	4.7	4.2
OR	59.0	56.0	57.0	58.0	55.5	56.5
Malheur	11.5	10.5	10.5	11.4	10.5	10.5
Other OR	47.5	45.5	46.5	46.6	45.0	46.0
PA	14.5	14.5	13.5	14.0	14.0	13.0
RI	0.7	0.6	0.5	0.7	0.6	0.5
SD	5.0	3.5	3.5	4.8	3.4	2.8
UT	2.7	2.0	1.5	2.6	2.0	1.5
WA	165.0	170.0	180.0	165.0	170.0	180.0
WI	84.5	86.0	86.0	83.5	85.0	84.5
WY ²	0.4	0.5		0.4	0.5	
Total	1,235.1	1,203.0	1,229.2	1,214.0	1,166.1	1,198.4

Fall Potatoes: Yield and Production by State, 1998-2000

Stata		Yield			Production	
State	1998	1999	2000	1998	1999	2000
	Cwt	Cwt	Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt
CA	360	445	430	3,708	4,005	3,741
CO	335	335	370	25,360	25,762	27,972
ID	338	339	369	138,000	133,330	152,320
10 SW Co	450	470	490	12,600	12,220	13,720
Other ID	330	330	360	125,400	121,110	138,600
IN	320	270	280	1,600	1,323	1,120
ME	280	285	280	18,060	17,813	17,920
MA	235	255	255	682	740	638
MI	315	315	315	14,648	14,963	14,963
MN	290	340	360	21,170	18,020	21,240
MT	300	305	310	3,180	3,325	3,503
NE 1	375	420	410	8,175	8,904	10,127
NV	400	440	450	2,800	2,860	3,150
NM	380	380	400	2,242	2,508	2,720
NY	270	265	280	7,290	6,758	5,964
ND	235	240	245	28,670	26,400	26,950
OH	250	210	270	1,200	987	1,134
OR	452	505	543	26,229	28,020	30,683
Malheur	400	440	425	4,560	4,620	4,463
Other OR	465	520	570	21,669	23,400	26,220
PA	240	220	270	3,360	3,080	3,510
RI	210	225	275	147	135	138
SD	260	290	290	1,248	986	812
UT	280	290	290	728	580	435
WA	565	560	600	93,225	95,200	108,000
WI	370	400	400	30,895	34,000	33,800
WY ²	300	295	.00	120	148	22,300
Total	356	369	393	432,737	429,847	470,840

¹ Summer estimates included with fall in 2000. ² Estimates discontinued in 2000.

Fall Potatoes: Production, December 1 Stocks, and Farm Disposition, 15 Storage States and 23 Fall Season States, 1997-2000 Crop Years

				Total	F	arm Disposition	
State	Crop	Production	Stocks	Used For	Where C	Grown	
2	Year		Dec 1	Fall Seed	Seed, Feed, Home Use	Shrinkage and Loss	Sold
		1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt
CA							
	1997	4,200	2,700	206	20	340	3,840
	1998	3,708	2,800	157	29	720	2,95
	1999	4,005	3,200	179	17	383	3,60
	2000	3,741	2,700				-,
CO			,				
	1997	24,993	19,400	1,895	1,340	2,773	20,88
	1998	25,360	19,000	1,930	1,615	2,615	21,130
	1999	25,762	19,700	1,971	1,705	2,967	21,09
	2000	27,972	20,300				
D							
	1997	140,314	102,000	8,700	1,130	9,258	129,92
	1998	138,000	99,500	8,300	1,280	9,756	126,96
	1999	133,330	96,000	8,700	1,150	9,300	122,88
	2000	152,320	110,500				
ME							
	1997	19,080	15,600	1,430	275	1,760	17,04
	1998	18,060	14,100	1,430	360	1,740	15,96
	1999	17,813	14,500	1,408	330	1,850	15,63
. et	2000	17,920	14,100				
MI	1007	14.250	0.500	0.64	200	1 200	10.75
	1997	14,250	8,500	864	200	1,300	12,750
	1998	14,648	9,100	888	200	1,348	13,100
	1999 2000	14,963	8,800	1,005	213	1,300	13,450
MN	2000	14,963	8,700				
VIIN	1997	20,440	13,500	1,640	450	1,717	18,27
	1998	21,170	13,500	1,400	254	1,440	19,47
	1999	18,020	10,600	1,254	170	1,980	15,87
	2000	21,240	14,200	1,234	170	1,900	13,67
MT	2000	21,240	14,200				
VII	1997	3,328	3,180	244	152	208	2,96
	1998	3,180	3,050	253	145	265	2,77
	1999	3,325	3,200	288	151	213	2,96
	2000	3,503	3,350	200	101	213	2,70
NE		3,303	3,330				
· -	1997	7,761	5,300	462	203	380	7,17
	1998	8,175	4,700	469	166	881	7,12
	1999	8,904	5,300	598	209	742	7,95
	2000	10,127	6,450		/	, .2	,,,,,
NY		,	-,				
	1997	7,150	3,600	607	139	315	6,69
	1998	7,290	3,400	572	110	330	6,850
	1999	6,758	3,500	484	95	323	6,34
	2000	5,964	2,700				

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Fall Potatoes: Production, December 1 Stocks, and Farm Disposition, 15 Storage States and 23 Fall Season States, 1997-2000 Crop Years

State Crop Year Production Stocks Dec 1 Used For Fall Seed Seed, F Home Seed ND 1,000 Cwt 1,000 Cwt	Use	Shrinkage and Loss 1,000 Cwt 2,266 2,840 4,600	Sold 1,000 Cwt 19,379 25,435 21,460
ND	355 395 340	and Loss 1,000 Cwt 2,266 2,840	1,000 Cwt 19,379 25,435
ND 1997 1998 22,000 16,000 2,142 1998 28,670 20,500 2,178 1999 26,400 17,000 2,232 2000 26,950 18,500	355 395 340	2,266 2,840	19,379 25,435
1997 22,000 16,000 2,142 1998 28,670 20,500 2,178 1999 26,400 17,000 2,232 2000 26,950 18,500	395 340	2,840	25,435
1997 22,000 16,000 2,142 1998 28,670 20,500 2,178 1999 26,400 17,000 2,232 2000 26,950 18,500	395 340	2,840	25,435
1999 26,400 17,000 2,232 2000 26,950 18,500	340		
2000 26,950 18,500		4,600	21,460
	8		
OH	8		
	8	2=	
1997 1,170 350 105	0	37	1,125
1998	8	37 60	1,155
1999 987 300 84 2000 1,134 320	0	00	921
OR 1,134 320			
1997 27,319 20,500 1,405	195	1,555	25,569
1998 26,229 20,000 1,334	195	2,206	23,828
1999 28,020 22,000 1,368	239	1,607	26,174
2000 30,683 25,000		-,	20,17
PA			
1997 3,173 2,000 276	78	176	2,919
1998 3,360 2,000 261	50	252	3,058
1999 3,080 2,000 270	31	172	2,877
2000 3,510 1,700			
WA 1007 00 160 47 000 2 040	200	6 400	01.460
1997 88,160 47,000 3,840 1998 93,225 49,000 4,080	300	6,400	81,460
1998 93,225 49,000 4,080 1999 95,200 48,000 4,200	300 300	6,500	86,425
2000 108,000 61,000 4,200	300	6,500	88,400
WI 108,000 01,000			
1997 30,175 19,200 1,764	275	1,448	28,452
1998 30,895 20,000 1,720	265	2,360	28,270
1999 34,000 21,000 1,720	310	1,420	32,270
2000 33,800 20,000		,	ŕ
15 Sts			
1997 413,513 278,830 25,580	5,120	29,933	378,460
1998 423,170 280,910 25,072	5,372	33,290	384,508
1999 420,567 275,100 25,761	5,266	33,417	381,884
2000 461,827 309,520			
Fall Sts 26 224	5 260	20.941	207.000
1997 423,190 26,224 1998 432,737 25,657	5,260	30,841 34,231	387,089
1998 432,737 25,657 1999 429,847 26,355	5,584 5,377		392,922
2000 470,840	5,511	34,260	390,210

Fall Potatoes: Farm Marketings, Selected States, 1997-1999 Marketing Years

					1997-1	999 Ma	rketing	Years						
State	Crop Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
CA	1007													
	1997 1998 1999				13 5	12 12	13 14	11 10	10 12	12	10 10	8 10	7 11	4 7
CO							14			,	10	10	11	
	1997 1998 1999		1	4 5 4	8 8 7	9 9 10	11 12 10	10 10 10	8 10 10	11 12 12	11 11 11	10 10 10	10 9 10	7 4 6
ID				-										
	1997 1998 1999		6 6 3	15 11 15	12 20 18	8 6 6	8 6 6	8 7 5	6 6 7	7 8 9	7 9 10	9 9 9	7 6 6	7 6 6
ME														
	1997 1998 1999		1 1 3	6 7 6	7 9 7	8 9 7	8 9 9	10 10 10	9 11 10	15 14 12	17 12 16	10 9 11	9 9 9	
MI														
	1997 1998 1999	3 3 3	9 8 7	10 9 8	8 9 9	11 9 15	11 12 12	11 14 9	12 9 9	11 12 9	8 10 11	6 5 6	2	
MN													2	
	1997 1998 1999		5 11 8	22 16 12	25 14 13	11 10 11	7 5 8	5 7 8	6 6 7	7 8 9	7 9 8	5 6 6	8 5	5
NY													3	3
	1997 1998 1999		8 7 4	15 16 21	15 16 18	16 16 11	15 15 9	13 11 10	9 8 8	5 6 9	3 4 10	1 1		
ND														
	1997 1998 1999		1 3 2	12 13 13	16 14 20	13 10 7	8 10 10	12 8 12	9 7 7	9 7 7	8 9 8	6 10 7	5 6 6	1 3 1
OR														
	1997 1998 1999	1 2 2	9 12 13	14 15 10	30 27 21	8 8 7	6 5 6	5 4 7	6 5 8	6 6 7	5 6 7	6 4 7	3 4 3	1 2 2
PA	1999	2	13		21	,		,	0			,	3	2
	1997 1998 1999	1	13 14 14	13 12 13	12 11 12	12 12 12	12 15 13	10 11 11	8 9 9	7 7 7	8 6 6	3 2 2	1	
WA	1999			13		12		11	9	/	0	2	1	
	1997 1998 1999		12 16 17	14 13 14	31 25 24	7 7 6	4 3 6	4 5 5	4 6 5	6 7 6	6 5 5	6 6 6	5 6 5	1 1 1
WI												U		1
	1997 1998 1999	1 1 2	7 6 7	17 18 16	14 13 12	10 10 11	9 10 9	8 10 8	11 9 10	10 9 9	7 8 9	4 4 5	2 2 2	

Potatoes: Harvest Loss by Type, Seven Objective Yield States, 1999-2000 $^{\rm 1}$

State	Crop Year	Reds	Whites	Russets	All Types
		Cwt per Acre	Cwt per Acre	Cwt per Acre	Cwt per Acre
ID	1999 2000		23 17	33 27	32 27
ME	1999 2000	33 11	15 16	16 14	16 15
MN	1999 2000	16 11	17 19	19 26	18 19
ND	1999 2000	18 26	15 14	31 42	22 25
OR	1999 2000		16 31	24 26	24 27
WA	1999 2000		35 17	20 24	22 23
WI	1999 2000	8 20	4 16	16 15	13 16

Potatoes left in the field at time of harvest. Based on counts in potato fields selected for postharvest samples.

Potatoes: Number of Hills by Type, Seven Objective Yield States, 1999-2000 ¹

		Red	ds	Whit	es	Russe	ets
State	Crop Year	Number of Samples	Avg No. Hills per Acre	Number of Samples	Avg No. Hills per Acre	Number of Samples	Avg No. Hills per Acre
ID	1999 2000			18 21	13,028 12,089	277 274	12,200 12,087
ME	1999 2000	7 6	14,607 14,122	110 103	13,263 13,036	45 62	9,112 9,717
MN	1999 2000	42 60	10,339 12,553	16 22	8,435 11,373	76 74	12,358 12,190
ND	1999 2000	21 21	9,260 9,787	54 48	8,773 9,865	73 75	9,960 10,757
OR	1999 2000	2	16,566	25 27	14,350 13,325	134 120	14,723 13,288
WA	1999 2000	6 3	16,380 18,293	28 30	13,967 14,754	152 154	13,896 14,076
WI	1999 2000	12 11	13,085 12,871	28 34	12,600 12,676	76 67	11,969 11,689

¹ Based on row measurements and counts in potato fields selected for objective yield samples.

2000 Potato Objective Yield Survey

The National Agricultural Statistics Service conducted potato objective yield surveys in the 7 major fall producing States in 2000. These 7 States account for 83 percent of the fall potato production. Sample plots were located in potato fields that were selected on a random basis using a scientifically designed sampling procedure. Field workers recorded counts and measurements. Survey data from the objective yield counts are presented in the previous tables. They are provided to show information about the crop and trends in production.

Reliability of December 1 Production and Stocks Estimates

The "Root Mean Square Error" for the December 1 stocks estimate is 2.6 percent. This means that the chances are 2 out of 3 that the current estimate of 310 million cwt will not be above or below the final estimate by more than 2.6 percent or approximately 8.0 million cwt. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 4.5 percent or approximately 13.9 million cwt.

Also shown is the 10-year (1990-1999) record of the differences between the December 1 production and stocks estimates and the final estimates. Using stocks again as an example, changes between the December 1 estimate and the final estimate during the 10 years have averaged 5.5 million cwt. During the 10-year period, the December 1 stocks estimates have been below the final estimate 9 out of 10 years. Production estimates have been below the final estimate 8 years and above 2 years with the average change of 5.3 million cwt for these 10 years.

Reliability of December 1 Fall Potato Estimates

		Itema	omity of Decem	Dei II ani I o	tato Estimate.	,				
		Root Mear Square Erro		Ten Year Record of Difference Between Dec 1 and Final Estimate						
Estimate	Danasast	90% Confidence Level			Quantity	Number of Years				
	Percent	Percent	Quant	Avg	Small	Large	Below Final	Above Final		
	Million Cwt		Million Cwt	Million Cwt	Million Cwt					
Stocks Production	2.6 1.7	4.5 3.0	13.93 14.13		0.73 0.28	14.50 13.46	9 8	1 2		

Fall Potato Stocks: Preliminary and Final December 1 Stocks, United States, 1990-2000

Crop Year	Preliminary Stocks	% of Final	Final Stocks	
	1,000 Cwt	Percent	1,000 Cwt	
1990	217,300	96.4	225,500	
1991	217,300 240,660	99.4	242,070	
1992	232,320	94.1	246,820	
1993 1994	240,370 264,090	96.4 96.6	249,410 273,290	
1995	252,030	98.2	256,710	
1996	291,650	98.8	295,100	
1997 1998	274,250 281,020	98.4 100.0	278,830 280,910	
1999	274,870	99.9	275,100	
2000	309,520			

Note: Stocks are defined as the quantity (whether sold or not) remaining in storage for all purposes and uses, including seed potatoes not yet moved, and shrinkage, waste, and other losses that occur after the date of each report. Sales of fall potatoes for all purposes for the past 5 years averaged 90.9 percent of the total fall production. Shrinkage and loss and home use accounted for the remaining 9.1 percent. Most seed for use the following crop year is on hand and remains part of stocks until moved or planted.

Potatoes: Production, Sold, Not Sold, and Kept for Seed, United States, 1995-2000

Crop Year	Fall Potatoes					Amount Used for Seed	
	Production	Sold	Sold as % of Prod	Not Sold	Not Sold as % of Prod	All Seasons Following year	
	1,000 Cwt	1,000 Cwt	Percent	1,000 Cwt	Percent	1,000 Cwt	
1995 1996 1997 1998 1999 2000	404,852 454,388 423,190 432,737 429,847 470,840	370,679 408,247 387,089 392,922 390,210	91.6 89.8 91.5 90.8 90.8	34,173 46,141 36,101 39,815 39,637	8.4 10.2 8.5 9.2 9.2	30,561 29,138 29,975 29,217 29,726	

Potatoes: Shrinkage and Loss, 15 Fall Storage States, 1997-2000

Crop Year	To Dec 1	To Jan 1	To Feb 1	To Mar 1	To Apr 1	To May 1	Total Jun 1 1	Season
	Million Cwt	Million Cwt	Million Cwt	Million Cwt	Million Cwt	Million Cwt	Million Cwt	Million Cwt
1997 1998 ² 1999 ² 2000	15.3 18.4 18.2 16.5	17.3 20.6 21.0	19.3 22.7 23.0	21.3 24.7 25.0	23.5 26.9 27.1	25.6 29.0 29.2	30.9 31.1	29.9 33.3 33.4

Data not available prior to 1998.

² Corrected.

Potato Stocks Record High, Up 13 Percent

The **15 major potato States** held a record high 310 million cwt of potatoes on December 1, 2000, up 13 percent from last year and 10 percent above 1998. Potatoes in storage accounted for 67 percent of the 2000 fall storage States production, 2 percentage points above last year. Stocks by type were 3 percent red, 10 percent round white, 4 percent long white (Shepody) and 83 percent russet; with fewer whites, and more reds and russets than a year ago.

Disappearance in the 15 States from the start of harvest to December 1, at 152 million cwt of potatoes, was up 5 percent from the same period last year and 7 percent more than two years ago. Shrink and loss, at 16.5 million cwt so far this year, was down 9 percent from last year and 10 percent less than two years ago.

Processors used 78.5 million cwt of 2000 crop potatoes so far this season, up 5 percent from a year ago and 6 percent above two years ago.

Eastern States stored 18.5 million cwt of potatoes on December 1, down 7 percent from last year and 5 percent below 1998. Maine's stocks were down 3 percent, New York's storage was off 23 percent, and Pennsylvania's stocks declined 15 percent.

Central States accounted for 68.2 million cwt of potato stocks this December, up 8 percent from last year and slightly above two years ago. Minnesota's stocks jumped 34 percent and Nebraska rose 22 percent from a year ago. North Dakota stocks gained 9 percent and Ohio increased 7 percent. Michigan was off 1 percent and Wisconsin was down 5 percent from last year.

Western States held 223 million cwt of potatoes in storage on December 1, a jump of 16 percent above last year and 15 percent above two years ago. Washington's storage increased 27 percent from last year, Idaho rose 15 percent, and Oregon was up 14 percent. Colorado gained 3 percent and Montana increased 5 percent. California's stocks were down 16 percent.

Fall Potato Production Record High

Production of fall potatoes for 2000 is a record high 471 million cwt, up 9 percent from comparable estimates last year, and 4 percent above the previous record in 1996. Area harvested, at 1.20 million acres, is up a comparable 2 percent from last year. The average yield is a record high 393 cwt per acre, a jump of 24 cwt from the previous record high last year and 36 cwt above two years ago for comparable States. Comparability is achieved by combining Nebraska's previous summer and fall crops and dropping Wyoming's estimates.

Record large crops were produced in Idaho, Montana, Oregon, and Washington. Yields were record high in 12 States. Hot weather during the summer growing months pushed size profiles and yields to high levels in many of the western States. The north central States lost several thousand acres to flood damage in late June with some blight and frost losses late in the season. Eastern areas were slow to plant because of a wet, cool spring. However, the growing season generally went well and harvest finished on a timely manner.

Five **Eastern States** produced 28.2 million cwt of fall potatoes in 2000, down 1 percent from last year and 5 percent below two years ago. Area harvested totaled 101,300 acres, down 4 percent from last year. The average yield of 278 cwt per acre was up 8 cwt from last year and 7 cwt above 1998. Production in Maine gained 1 percent and Rhode Island rose 2 percent from last year. Pennsylvania's production was up 14 percent, but New York and Massachusetts output fell by 12 and 14 percent, respectively.

Eight Central States production is estimated at 110 million cwt this year, a gain of 3 percent from last year and 1 percent from two years ago. Harvest was taken from 336,700 acres, up 1 percent, while the average yield of 327 cwt per acre was up 6 cwt from a year ago. Production in Minnesota was up 18 percent from last year with an increase in harvested acreage and higher yield. North Dakota's production increased 2 percent despite acreage losses from flooding in June. Wisconsin's production was down 1 percent and Nebraska was off 4 percent because of lower acreage. Michigan's crop was equal to last year. Production in Indiana was down 15 percent and South Dakota's dropped 18 percent with frost damage encountered at the end of the season.

Ten **Western States** produced 333 million cwt of potatoes in 2000, up 12 percent from the last year and 13 percent above two years ago. Acreage harvested, at 760,400 acres, was up 4 percent, as the average yield jumped 32 cwt. Idaho potato farmers produced a record high 152 million cwt, up 14 percent from a year ago. Washington hit a record high 108 million cwt, with a gain of 13 percent from last year. Oregon's potato crop topped off at a record 30.7 million cwt, up 10 percent from last year. Montana's production was also record high. Production in Colorado rose 9 percent from last year, Nevada was up 10 percent, and New Mexico gained 8 percent. California's output is off 7 percent and Utah dropped 25 percent.

The next "Potato Stocks" report will be released at 3 p.m. on January 16, 2001.

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